# Designated United States Depository.

Corner Room, Odd Fellows' Hall. HEO. P. HAUGHEY, Pres't. E. E. REXFORD Cash

## CONDITION OF THE MARKETS

The Small Receipts of No. 2 Wheat at Chicago Cause an Advance in Prices.

A Rather Sharp Bulge in December-Unexpected Figures in the "Visible" Report Add Materially to the Strength of Values.

### MONEY, STOCKS AND BONDS.

A Few Lively Speculations, but Stagnation in the General List-Big Four Declines. NEW YORK, Sept. 28.-Money on call was easy at 5@6 per cent, the last loan being made at 512, closing offered at 512.

Prime mercantile paper, 5@712 per cent. Sterling exchange quiet but fairly steady at \$4.8334 for sixty-day bills, and \$4.8712 for

demand. The total sales of stocks to-day were 158,-600 shares, including the following: Delaware, Lackawanna & Western, 3,200; Louisville & Nashville, 47,923; Missouri Pacific, 4,450; Norfolk & Western preferred; 3,400;

Northern Pacific preferred, 8,540; Reading, 9,400; St. Paul 8,970. The stock market to-day showed no signs of coming out of the rut of duliness and stagnation into which it has fallen, and trading, outside of Louisville & Nashville and the trusts, was of a decidedly retail character, while, except in a few of the leading stocks, the extreme range for the day seldom exceeded 12 per cent. The room traders, as usual, had the making of prices in the general list almost entirely to themselves. There were a few movements of

significance, but these were in every case | 8412@85c elevator, 8512@8534c affoat, 8412 the result of special causes, and were made @86c f. o. b., No. 3 red, 8112@82c; ungraded evidence that some one was familiar with the developments which afterwards gave the stock its great lift. After opening at 7858, the same as Saturday's final prices, it rose to 7958, but was hammered by the traders to 7778. The announcement was then made that a resolution was made by the directors to submit to the stockholders the proposition to issue \$13,700,000 new stock for the purpose of taking up the collateral trust bonds at 6 per cent., together with other securities which may be available. The stock afterwards rose to 794, and closed at 79. Jersey Central was again a strong feature, and rose to 1231s, the highest price yet known, the influence of a report that the first-mortgage bonds were to be funded into a four-per-cent. bond helping the rise. The trusts were the weak spot in the market, and Sugar was sold down from 104 to 10112, and while there was talk of a rival establishment in the South, the decline looked more like manipulation than anything else. Manitoba showed some life and advanced 1 per cent. to 112, but afterwards lost the entire improvement. The Big Fours were also specially weak and the common dropped from 7334 to 7134. There was absolutely no feature outside of the stocks mentioned, and the market, after a somewhat irregular but generally steady opening, showed a little weakness and shaded off from the opening figures, but later moved up again. The course of prices was alternately up and down, with the range extremely small, and the close was quiet and fairly firm at near

Railroad bonds were somewhat more active than usual of late, the sales reaching \$942,000, which amount was wholly distributed without any special animation in any one issue. The tone of the market was rather heavy, especially in the afternoon, and the final changes in a majority of cases are in the direction of lower figures. The im-portant fluctuations were few in number, but among those which are lower this even-ing Hocking Valley fives lost 234, at 7214; pternational seconds certificates, 312. at 67. Gulf. Colorado & Santa Fe seconds rose 212, to 7112; Rochester & Pittsburg consols,

opening figures. The gains are almost en-

tirely for small fractions, the only excep-

tions being advances of 158 and 138, respectively, in Jersey Central and Louisville & Nashville, and a decline of 158 in Sugar

Government bonds were dull and weak. State bonds were dull and steady. Closing

Four per ct. reg...12678 C., St. L. & P...... 1519 I., B. & W. 912 Lake Erie & West. 1878 Tenn. new set. 6s. 197
Tenn. new set. 6s. 197
Tenn. new set. 5s. 1922
Mutual Union 6s. 192
St. L. & I. M. gen. 5s 892
St. L. & S. F. gen. m.119
Adams Express. 149
Adams Express. 149
Peoria, D. & E. ... 21 

NEW YORK, Sept. 23.-Bar silver, 927sc.

## TRADING AT CHICAGO.

The Ups and Downs of the Market with the

Range in Prices of Leading Articles. CHICAGO, Sept. 23 .- On Saturday twelve cars of wheat graded No. 2. out of a total of 180, which was a slight improvement over the previous days of the week. To-day there were only six cars of contract grain out of a total of 207 cars. The market today was active and strong, but unsettled. The crowd was disposed to fight shy of the near futures, and September was again suspiciously regarded on account of the small warehouse stocks of grain in contract. Offerings of May were light early, and the premiums were again narrowed. At one time changes were made from October to December at 1c difference. The market opened strong at about the closing quotations of Saturday. Under a good demand from the "shorts" and some investment buying there was a bulge during the first hour of the session of 34c in December, a few trades being made in that month as low as 7978 @ 80c together. Shortly before the close it touched 81c. Pending the announcement of the visible supply figures, business in the pit was rather light for a time, and it was the posting of an increase of only 1,499,000 bushels, when 1,750,000 to 2,000,000 was expected, that gave the market its closing strength. It closed active and buoyant and at a net gain for the day of 134c in September, 11sc in October and year, 7sc in December, and 5sc in May. Only a moderate business was transacted in corn, fluctuations being narrow and transactions mainly of a local character. The feeling early was comparatively steady, but later a somewhat easier tone was manifested. Influences affecting the market were in the main local. A prominent local trader was a moderate seller of September and October to-day. The market opened a shade under the closing figures of Saturday, was steady for a time, then sold off 4c. ruled firm and closed steady, a shade higher than Saturday. Oats were active for May. A prominent operator bought that month every time the market weakened, and sold on all strong time, then sold off 4c. ruled firm and closed steady. a shade higher than Saturday. Oats were active for May. A prominent operator bought that month every time the market weakened, and sold on all strong spots. Prices were slightly higher early, and the advance was fairly maintained. Very light trading was reported in pork, and the feeling was comparatively steady. Prices ruled 5@10c higher, and closed steady. Nothing was done in lard and prices were without material change. Very little business was transacted in short ribs. The feeling was steadier and prices ruled

.05@.10c higher. Leading futures ranged as

Options.	Open'g.	Highest.	Lowest.	Closing
Wheat-Sept	7918	805 <sub>8</sub>	7914	80%
Oct	7834	7934		
Dec	80	81	7978	
May	8319			
Corn-Oct	3178		3158	
Nov Dec	3134		310	317
May	3358		0.000	337
Oats-Oct	1912		Child Colle	191
Dec	1978	1974	1934	193
May	2250	22%	2212	
Pork-Oct	\$10.85	\$11.95	\$10.85	\$10.95
Nov	9.20	9.30	9.20	9.30
Jan	9.15	***	****	9.171
Lard-Oct		- 00	- ::-	5.871
Nov Jan	5.75	5,80	5.75	5.773
Sh't ribs-Oct.	5.75 4.821 <sub>2</sub>	4.8712	4.8212	4.871
Nov	4.6212		4.6212	
Jan				4.65

Cash quotations were as follows: Flour steady and unchanged; No. 2 spring wheat, 79½c; No. 3 spring wheat, 67@69c; No. 2 red, 79½c; No. 2 corn, 32c; No. 2 oats, 19¼c; No. 2 rye, 4½c; No. 2 barley nominal; No. 1 flaxseed, \$1.23; prime timothy-seed, \$1.25@1.26; mess pork per brl, \$11; lard per fb, 5.95c; short-rib sides (loose), 5.05@5.10c; dry-salted shoulders (boxed) 4.37½@4.50c; short-clear sides (boxed), 5.35@5.37½c; whisky, disillers' finished goods per gal, \$1.02; sugars, cut-loaf unchanged.

On the Produce Exchange, to-day, the butter market was active; fancy creamery, 23@23½c; fine, 15@17c; finest dairy, 18@20c; fair to good, 9@10c. Eggs, 15@15½c. Receipts—Flour, 15,000 brls; wheat, 97,000 bu; corn, 396,000 bu; oats, 214,000 bu; rye, 21,000 bu; barley, 51,000 bu. Shipments—Flour, 19,000 brls; wheat, 81,000 bu; corn, 303,000 bu; oats, 99,000 bu; rye, 6,000 bu; barley, 42,000 bu.

ley, 42,000 bu.

### AT NEW YORK.

Ruling Prices in Produce at the Seaboard's

Commercial Metropolis. NEW YORK, Sept. 23 .- Flour-Receipts, 38,668 packages; exports, 2,717 bris. 2,367 sacks. The market was moderately active and firm; sales, 18,450 brls. Corn-meal steady; yellow Western, \$2.45@2.75.

Wheat-Receipts, 18,450 bu; exports, 51,-160 bu; sales, 864,000 bu futures, 108,000 bu spot. The spot market was firm, moderately active and 12@34c higher; No. 2 red, in spite of the general lethargy. Louisville | red, 72@8534c; steamer No. 2 red, 8112c; & Nashville was the great feature of the steamer No. 3 red, 7612c; November red, 73c; day's operations, and its early strength gave | No. 1 hard, 93c affoat. Options were dull, 34@7sc higher and strong: No. 2 red, September, 8438@85c, closing at 85c; October, 8458@85 5-16c, closing at 8514c; November closing at 863sc; December, 86 13-16@875sc, closing at 8712c; January closing at 8812c; May, 91 9-16@9214c, closing at 9214c.

Barley quiet; Canada, 70@75c asked.

Barley malt dull; Canada, 85@95c.

Corn—Receipts, 132,700 bu; exports, 40,586 bu; sales, 664,000 bu futures, 183,000 bu spot. The spot market was fairly active, chiefly for export, and steady; No. 2,  $40^{1}2@40^{3}4c$  in store and elevator,  $40^{7}8@41c$  affoat; No. 2 white, 40½@41c; ungraded mixed, 40¼@ 41¼c. Options were quiet and stonger; September, 40½@40¾c, closing at 40¾c; Oc-tober, 4011-16@41c, closing at 41c; November, 41 4 @ 41 12c, closing at 41 12c; December, 41 38@ 41 58c, closing at 41 58c; May, 41 78 @4214c, closing at 4214c.

Oats-Receipts, 111,000 bu: exports, none: sales, 225,000 bu futures. 116,000 bu spot. The spot market was firmer and fairly active. Options were quiet and firmer; September, 2578@26c; closing at 26c; October, 2578@26c, closing at 26c; November, 2618@2614c, closing at 2614c; spot No. 2 white, 2814@2812c; No. 1 white, 35c; mixed Western, 24@2812c; white Western, 29@3612c; No. 2 Chicago, 27@271sc.

Hay quiet and steady. Hops easier and Coffee-Options opened steady at 5 to 10 points down, and closed with the near months steady, and the far barely steady at 15 to 25 points down. Sales, 52,250 bags, including September, 15.80@15.85c; October, 15.60@15.80c; November, 15.55@15.75c; December, 15.50@5.75c; January, 15.55@15.75c; February and March, 15.50@15.75c; May, 15.55@15.75c; August 15.45@15.65; spot Rio

easier; fair cargoes, 1912c. Sugar-Raw nominal and weak; fair refining, 534c; centrifugal, 96 test, 612c; refined, steady, in moderate demand. Molasses—Foreign nominal; New Orleans dull. Rice in fair demand and steady.

Tallow dull; city (\$2 for packages), 412@
4 9-16c. Rosin dull; strained, common to

good, \$1.0212@1.05. Eggs firmer, and in fair demand; Western

Pork quiet; cut meats steady; pickled bellies, 12 lbs, 634c; sales pickled bellies, 9 lbs average, 734c; 14 lbs average, 658c; pickled shoulders, 414c; pickled hams, 1014 @1012c. Middles quiet. Lard firmer and quiet; sales, Western steam, 6.7012; September, 6.32c; October closing at 6.30c; November, 6.20c; December, 6.18c; January, 6.18c bid; February, 6.22c bid; March, 6.30c

Butter-Fine in demand and firmer: Western dairy, 9@1212c; Western creamery, 12@25c; Western factory, 712@12c. Cheese strong and quiet; Western, 63, 28c.

## GRAIN AT HOME AND ABROAD.

Figures Showing the Quantity in Sight in the United States and Canada. visible supply of grain for Saturday,

Wheat, 17,196,572 bu, an increase of 1,499,-116 bu; corn, 12,662,727 bu, a decrease of 229,253 bu; oats, 5,928,570 bu, an increase of 12,626 bu; rye, 1,132,895 bu, an increase of 58,037 bu; barley, 474,832 bu, an increase of

The Chicago Board of Trade reports the visible supply of grain as follows:

Wheat, 17,197,000 bu, an increase of 1,409,000 bu; corn, 12,662,000 bu, a decrease of 230,000 bu; oats, 5,929,000 bu, an increase of 13,000 bu; rye, 1,132,000 bu, an increase of 58,000 bu; barley, 475,000 bu, an increase of 51,-

The Foreign Grain Trade. LONDON, Sept. 23.-The Mark Lane Express, in its weekly review of the British grain trade, says: There is a better demand for English wheat and prices are stiffening. The sales of English wheat for the week were 67,391 quarters, at 29s 5d per quarter, against 35,614 quarters, at 34s 11d per quarter, for the corresponding week last year. There is an improved inquiry for foreign wheats. Californian and Russian have advanced 6d. Flour and oats are firm. Corn is weak. Linseed is 1s dearer. At to-day's market the tone was stronger. English wheats were in sellers' favor, fine new crop selling at 35s per quarter. Cali-fornian, Russian and Indian were 6d higher.

## Flour was against buyers. Corn was 3d cheaper. Beans and peas declined 6d. TRADE IN GENERAL.

Quotations at St. Louis, Philadelphia, Balti-

more, Cincinnati and Other Points more, Cincinnati and Other Points

ST. LOUIS, Sept. 23.—Flour quiet and easier, but no material change to note in quotations. Wheat—Cash quiet; options higher. The opening was easy and 's w'4c lower on large receipts, but firm cable advices and stronger markets elsewhere caused a reaction of 's w'2c, though this was nearly all lost. The feeling became stronger, and the market finally closed 's w'3c above Saturday; No. 2 red, cash, 78 2c nominal; September, 78 2w 78 4c, closed at 79c bid; October, 77 4c; December, 78 2w 79 5c, closed at 79 8c; May, 83 w 83 5c, closed at 83 4c bid. Corn firm; No. 2 mixed, cash, 29 5c bid; October, 29 7sc, closed at 30c bid; December, 28 2w 28 5c, closed at 28 5c bid; the year, 28 2c, closed at 28 3c bid; closed at 30c bid; December, 28½@285sc, closed at 285sc bid; the year, 28½c, closed at 283sc bid; January, 28½c, closed at 283sc bid; May, 303s@30½@305sc, closed at 305sc. Oats firm; No. 2, cash, 18½c asked; May, 22½@225sc; September and October. 18c bid; January, 20c bid. Rye—No. 2, 37½@38½c. Barley quiet; Minnesota, 62c; lowa, 45c. Bran, 41@42½c. Flaxseed again lower at \$1.20@1.21. Butter in good demand; creamery, 21@23c; dairy, 16@18c. Form, 14ke. creamery. 21 \$\overline{a}\$23c; dairy, \$16 \$\overline{a}\$18c. Eggs, \$14\overline{b}\$2c. Corn-meal, \$\overline{s}\$1.60 \$\overline{a}\$1.65. Whisky, \$\overline{s}\$1.02. Provisions quiet but firm. Receipts—Flour, 6,000 brls; wheat, \$149,000 bu; corn, \$0,000 bu; oats, 63,000 bu; rye, \$12,000 bu; barley, \$23,000 bu. Shipments—Flour, \$12,000 brls; wheat, \$7,000 bu; corn, \$5,000 bu; oats, \$141,000 bu; rye, \$1,000 bu; barley, \$1,000 bu;

PHILADELPHIA, Sept. 23.—Flour dull at un-changed prices, and steadily held. Wheat—Op-tions '9c higher but quiet; high grades scarce

at former rates. Butter—Desirable table grades firm and in good demand; Pennsylvania creamery, extra, 23c; Pennsylvania firsts, extra, 26% 28c. Eggs steady and in good demand for fresh stock; Pennsylvania firsts, 21c. Cheese firm and in fair request; part skims, 6% 7½c. Receipts—Flour, 1,900 bris; wheat, 6,700 bu; corn, 15,000 bu; cats, 12,500 bu, Shipments—Wheat, 9,400 bu; corn, 4,300 bu; cats, 8,400 bu.

bu; corn, 4,300 bu; oats, 8,400 bu.

MINNEAPOLIS, Sept. 23.—Receipts of wheat for the two days, 426 cars; shipments, 58. Sellers were trying to put up prices a fraction on the strength of advancing markets at Eastern points, but it was a difficult matter, considering the stacks of sample basins on the table. Early sales of No. 1 Northern ranged from 77½c down, it was claimed, to 76½c, and the amount offered was a trifle too large for local millers to take care of, and the limited buying for outside account was a depressing feature. Closing quotations: No. 1 hard, September, 78½c; October, 78½c; December, 81c; on track, 80½c. No. 1 Northern, September, 75½c; October, 74c; on track, 71276c.

RALTIMORE, Sept. 23.—Wheat—Western

on track, 71 \$\tilde{\pi} 76c.

BALTIMORE, Sept. 23.— Wheat — Western dull; No. 2 winter red, spot and September, 80c; October, 80\(^4\tilde{\pi} 80\\^4\)2c; December, 83\(^4\tilde{\pi} 83\\^4\)2c. Corn—Western steady; mixed spot, September and October, 40\(^2\tilde{\pi} 40\)3e; November, 40\(^2\tilde{\pi} 40\)4e; year and January, 39\(^3\)39\(^4\)8c. Oats steady; Western white, 26\(^2\)27\(^4\)2c. Hay firm; prime to choice timothy, \$13\(^2\)14. Provisions unchanged. Butter firm for best; Western packed, 10\(^2\)15c; creamery, 18\(^2\)21. Eggs firm at 18\(^2\)19c. Coffee firm; Rio, fair, 19\(^4\)2c. Receipts—Flour, 11,000 brls; wheat, 23,000 bu; corn, 45,000 bu; oats, 9,000 bu; rye, 1,000 bu. Shipments—Flour, 21,000 brls; wheat, 40,000 bu; corn, 21,000 bu. Sales—Wheat, 11,000 bu; corn, 10,000 bu. CINCINNATI. Sept. 23.—Flour in good de-

Sales—Wheat, 11,000 bu; corn, 10,000 bu.

CINCINNATI, Sept. 23.—Flour in good demand; family, \$3.10\vartile{\pi}3.30; faucy, \$3.60\vartile{\pi}3.85.

Wheat in good demand and firm; No. 2 red, 77\(^1\)2

\$\vartile{\pi}780\$. Receipts, 15,000 bu; shipments, 5,000 bu. Corn easier; No. 2 mixed, 36\vartile{\pi}36\vartile{\pi}4c. Oats barely steady; No. 2 mixed, 22\vartile{\pi}22\vartile{\pi}2c. Rye quiet; No. 2, 44\(^1\)2c. Pork quiet at \$11.25. Lard in fair demand at 5.80c. Bulk meats firm; short ribs, 5.12\(^1\)2c. Bacon in fair demand; short clear, 6.20c. Whisky firm; sales 1,007 brls finished goods on a basis of \$1.02. Butter firm; fancy creamery, 24\vartile{\pi}25c; choice dairy, 14\vartile{\pi}15c. Linseed oil steady at 57\vartile{\pi}59c. Sugar easier; hard refined, 8\(^1\vartile{\pi}29\)\(^1\vartile{\pi}4c; New Orleans, 7\vartile{\pi}8c.

TOLEDO, Sept. 23.—Wheat firm; cash. Sep-

TOLEDO, Sept. 23.—Wheat firm; cash, September and October, 80%c; December, 82%c. Corn dull but steady; cash, 34%c; May, 35c. Oats quiet; cash, 22c. Clover-seed active and firm; cash and September, \$4.12%; October, \$4.15; December, \$4.25; January, \$4.27%2. Receipts—Wheat, 23,700 bu; corn, 6,800 bu; oats, 5,500 bu; rye, 1,300 bu, Shipments—Wheat, 41,900 bu; corn, 500 bu; oats, 1,200 bu. DETROIT, Sept. 23.—Wheat—No. 1 white, cash, 81c; No. 2 red, cash and September, 80<sup>3</sup>4c; October, 80<sup>4</sup>gc; December, 82<sup>3</sup>ec. Corn—No. 2, cash, 35<sup>1</sup>gc; September and October, 35c. Oats—No. 2 mixed, cash, 21<sup>3</sup>4c; No. 2 white, cash, 23<sup>1</sup>gc. Receipts—Wheat, 35,400 bu; oats, 16,-

NEW YORK, Sept. 23 .- Petroleum opened steady at 99% and advanced to \$1.00%. A decline to 99% followed, and the market closed steady at 99%. Stock Exchange—Opening at 99%, highest, \$1.00%; lowest, 99%; closing, 99%. Consolidated Exchange—Opening, \$1.00; highest, \$1.00%; lowest, 99%; closing, 99%; total sales, 248,000 brls. Turpentine lower and

OIL CITY, Sept. 23.—National Transit certificates opened at 99½c; highest, \$1.00¼; lowest, 99½c; closed at 99⅙c. Sales, 204,000 bris; clearances, 148,000 bris; charters, 2,976 bris; shipments, 107,774 bris.

PITTSBURG, Sept. 23.—Petroleum—Dull but firm. National Transit certificates opened at 99%; closed at 99%; highest, \$1.00%; lowest, CLEVELAND, Sept. 23.—Petroleum quiet; standard white, 110°, 7120. SAVANNAH, Sept. 23 .- Turpentine firm at

CHARLESTON, Sept. 23 .- Turpentine firm at WILMINGTON, Sept. 23 .- Turpentine dull at

NEW YORK, Sept. 23,—Cotton easy; middling uplands, 11 3-16c; middling Orleans, 11 7-16c; sales, 318 bales; sales last week (not before reported), 19 bales for consumption and 781 for export. Futures closed dull. Sales, 45,500 bales. September, 11.10c; October, 10.39c; November, 10.11c; December, 10.05c; January, 10.08c; February, 10.13c; March, 10.19c; April, 10.25c; May, 10.32c; June, 10.38c; July, 10.44c. NEW ORLEANS, Sept. 23.—Cotton steady; middling, 10 11-16c; low middling, 10 7-16c; good ordinary, 93c; net receipts, 9,318 bales; gross, 10,797 bales; exports to Great Britain, 4,677 bales; coastwise, 784 bales; sales, 3,250 bales; stock, 43,176 bales.

LIVERPOOL, Sept. 23.—Cotton quiet and unchanged. Sales, 6,000 bales, of which 500 bales were for speculation and export, and in-cluded 4,600 bales American.

Metals. NEW YORK, Sept. 23.—Pig-iron firm; American, \$15.50@18.00, Copper dull and inchanged; lake, September, 11c. Lead steady; domestic, 3.9212c. Tin firmer and quiet; Straits,

## ST. LOUIS, Sept. 23 .- Lead quiet and un Dry Goods.

NEW YORK, Sept. 23.—The jobbing trade was fair. The market was unchanged in any respect and the tone did not lack confidence. Stocks are in good shape in all directions, and some goods are very scarce, though it is not certain that any prices will be advanced.

Live Stock. BUFFALO, Sept. 23.—Cattle—Receipts, 177 car-loads through and 300 car-loads for sale. The market was active and strong for good to extra grades, slow for common. Choice to extra steers, \$4.20\alpha4.65; good fat, \$3.75\alpha4.20; choice heavy butchers, \$3.50\alpha4: light, \$3.25\alpha 3.50; poor to common mixed, \$2.50\alpha2.75; Michigan stockers, fair to extra, \$2.50\alpha2.75; stock bulls, \$2\alpha2.10; extra bulls, \$3\alpha3.75; cows and heifers, common to extra, \$1.75\alpha3.25; milk cows and springers, common to extra, \$25\alpha45; calves and crassers \$2.50\alpha3.50; yeal \$6.66.50 The market was active and strong for good to NEW YORK, Sept. 23.—The following is the Produce Exchange statement of the through and 60 car-loads for sale. The market was strong on sheep, easier on lambs. Lambs-Good to best, \$626.50; fair to good, \$5.5026; common, \$4.5025.50. Sheep-Good

to best, \$4.50 @5; fair to good, \$4@4.50; common Hogs-Receipts 50 car-loads through and 100 car-loads for sale. The market was strong; medium and heavy, \$4.25 \alpha 4.60; mixed, \$4.50 \alpha 4.60; corn-fed Yorkers, \$4.55 \alpha 4.60; pigs, \$3.50 \alpha 4.25; assorted grassers, \$4.35 \alpha 4.50; roughs, \$3.25 \alpha 3.50; stags, \$3 \alpha 3.25.

KANSAS CITY, Sept. 23.—Cattle—Receipts, 11.003; shipments, 5,770. The market was steady for best native steers; medium and common weak and 5c lower; grass range steers dull and 10e lower; native cows steady to strong; Texas cows steady to weak; stockers and feeders quiet and steady. Good to choice corn-fed steers, \$4 \alpha 4.25; common to medium, \$2.90\alpha 3.75; stockers and feeding steers, \$1.60\alpha 3.15; cows, \$1.35 @2.60; grass range steers, \$1.60@ Hogs-Receipts, 2,391; shipments, 827. The market was steady for light grades, and heavy

and mixed were strong and in some cases 50 higher. Good to choice light, \$4.15 a 4.25; heavy and mixed, \$3.95@4.10. Sheep-Rece'pts, 1,248; shipments, 754. The market was steady. Good to choice muttons, \$3.60@4; stockers and feeding sheep, \$2@3.25. NEW YORK, Sept. 23.—Beeves—Receipts, 4,690 making 11,550 for the week. Fresh arrivals in cluded 135 car-loads for home trade slaughterers direct, 80 car-loads for the market, and 53 carloads for exportation. The market was fairly active and firm. Common to strictly prime steers sold at \$3.65.204.80 \$100 lbs; a few extra steers sold at \$4.85, and some poor stockers down to \$3.00. Texas and Colorado steers went at \$3.30@3.65.

Calves-Receipts, 1,850, making 5,400 for the week. Slow and easier at 212230 \$ 15 for grassers, and at 5@ sc for veals.

Sheep—Receipts, 18,400, making 43,200 for the week. A triffe weak at \$3,50@5.50 \$\varPsi\$ 100 ibs for sheep, and at \$4.50@7.50 for lambs. Hogs-Receipts, 14,100, making 37,100 for the the week. Steady for live hogs at \$4.50@5.25 \$\rightarrow\$

CHICAGO, Sept. 23.—The Dovers' Journal reports: Cattle—Receipts, 15,000; shipments, 3,500. Market weak: choice to extra beeves, \$4.50 Sheep—Receipts, 8,000; shipments, 2,000. Market steady; natives, \$3.50@4.60; Western, \$3.70@4.15; Texans, \$3.20@4.20; lambs, \$4.50

The Drovers' Journal's London cablegram re ports cattle in large supply; demand steady; prices 10@12½e for medium to extra good American steers; ½e higher than a week ago. EAST LIBERTY, Sept. 23.—Cattle—Receipts, 3,720; shipments, 2,140. Market steady. Thirteen cars of cattle shipped to New York to-day. Hogs—Receipts, 6,400; shipments, 4,500. The market was firm. Best light Yorkers, \$4.500 4.60; light Yorkers, \$4.40 4.45; medium and light Philadelphias, \$4.60 4.70; heavy hogs, \$4.40 4.50. Ten car-loads of hogs shipped to New York to-day.

New York to-day.
Sheep-Receipts, 3,600; shipments, 3,600. The market was firm at 15@20c better than last CINCINNATI, Sept. 23.—Cattle—Receipts. 2,060; shipments, 660. The market was easy. Common to choice butchers', \$1@3.75; shippers,

Sheep—Receipts, 2,350; shipments, 200. The market was strong. Common to choice, \$2.50 @4.50; extra wethers, \$4.75@5. Lambs firm at \$4.50@6.30.

24.15; packing grades, \$3.7524; light, fair to best, \$4.1024.35. Sheep-Receipts, 1,300; shipments, 300. The market was steady. Fair to choice, \$3.2024.30.

## INDIANAPOLIS MARKETS.

Trade Opens Brisk-Prices Strong, Except is Sugars, Which Go Off 4 of a Cent.

Indianapolis, Sept. 23. Trade opened briskly. A large number of buyers were in for Monday, and mail orders were large, and the week promises to be a busy one. Prices on all lines of dry goods have taken on a firm tone. The wool market is in much better shape than early in the month. Grocers had a good trade. Sugars, however, in spite of the movements of the Sugar Trust, went off 4c, and are weak at that quotation. Coffees, as well, carry an easier tone. The New York Bulle-tin of Saturday says of coffees: "Between the amount already taken into consumptive the amount already taken into consumptive channels from previous accumulation and the recent arrivals per steamer, through which additional deliveries will be made on invoices sold affoat, many buyers, both local and interior, are in possession of sufficient stock to make them easy regarding supplies for the present. That and the approaching end of the month are factors upon which a portion of the buying element has become somewhat independent, and creates what those who are reckless in the use of terms call the 'bear' side of the market. It is not difficult to find a goodly array of operators unwilling to admit any actual weakness in the situation, and where they have really attractive, or simwhere they have really attractive, or simply even useful supplies, refusing to offer them, lest at the rates it might be necessary to recognize that they should contribute to the advantage of buyers. The market, however, unquestionably drifts toward a somewhat easier basis." The produce markets open firm all along the line, poultry, eggs and butter being in large demand. Prices on fruits and vegetables are tending higher. Old stock is well cleared out, and fresh stock finds very ready sale if a good article.

The receipts of wheat are light, and, as a consequence, the demand is strong for the meager arrivals. Offerings of corn are light, and the requirements limited for the cereal. Oats are coming in very freely, and prices are easier but not quotably lower. Bids on 'Change to-day ruled as Wheat-No. 2 red, 77c; No. 3 red, 72 a 73c; reples, the ruling figures being 66 a 67c; September, 77c; October, 7612c.

Corn-No. 1 white, 3312c; No. 2 white, 33c; No. 2 white, 3312c; No. 2 whi

3 white, 32 2 233e; No. 2 yellow, 32e; No. 3 yellow, 31 2e; No. 2 mixed, 32 232 2e, No. 3 mixed, 32c; ear. 32½ #33c.
Outs-No. 2 white, 22½ #23½c; No. 3 white, 21½c sales and bld; No. 2 mixed, 20c; rejected, 172 19c; unmerchantable, 142 15c. Bran-Local dealers are bidding \$8.25. Shippers are bidding \$7.75@8. Hay-Timothy, choice, \$11.50; No. 1, \$11@ 11.25; No. 2, \$9; prairie, No. 1, \$7@8. Straw, \$5 per ton.

### Jobbing-Trade Price List. CANNED GOODS.

Peaches-Standard 3-pound, \$2.25 & 2.50; 3 ound seconds, \$1.65 & 1.75. Miscellaneous-Blackberries, 2-pound, 80 \$\alpha\$90c; raspberries, 2-pound, \$1.15 \$\alpha\$1.30; pineapple, standard, 2-pound, \$1.40 \$\alpha\$2.50; seconds, 2-pound, \$1.10 \$\alpha\$1.20; cove cysters, 1-pound, full weight, 95c \$\alpha\$1; light, 65 \$\alpha\$75c; 2-pound, full, \$1.70 \$\alpha\$1.80; light, 90c \$\alpha\$1; string beans, 85 \$\alpha\$95c; Lima beans, \$1.20@1.30; peas, marrowfat. \$1.20@1.40; small, \$1.50@1.75; lobsters, \$1.85@2; red chernes, 95c@1.10; strawberries, \$1.20@1.30; saimon (De), \$1.90@2.50.

COAL AND COKE. Anthracite, \$6.75@7 \* ton; Jackson lump, \$4 ton; nut, \$3.50; Brazil block, \$3.50 P ton; nut, \*\*Signature of the state of the

BLEACHED SHEETINGS—Blackstone AA, 73c;
Ballou & Son, 7½c; Chestmut Hill, 6c; Cabot 4-4.

½c; Chapman X, 6½c; Dwight Star S, 8¾c;
Fruit of the Loom, 8¾c; Lonsdale, 8½c; Linwood,
8c; Masonville, 8¾c; New York Mills, 10½c; Our
Own, 5¾c; Peppereil, 9-4, 22c; Peppereil, 10-4,
24c; Hills, 8c; Hope, 7½c; Knight's Cambric,
8c; Lonsdale Cambric, 10c; Whitinsville, 33ineh; 6½c; Wamsutta, 10½c.

Brown Sheeting—Atlantic A, 7¼c; Boott C,
6c; Agawam F, 5½c; Bedford R, 5c; Augusta,
5¾c; Boott AL, 7c; Continental C, 6¾c; Dwight
Stir 8c; Echo Lake, 6½c; Graniteville EE, 6½c;
Lawrence LL, 5¾c; Peppereil E, 7¼c; Peppereil
R, 6¾c; Peppereil 9-4, 20c; Peppereil 10-4, 22c;
Utica 9-4, 22½c; Utica 10-4, 25c; Utica C, 4½c.
Ginghams—Amoskeag, 6¾c; Bates, 6½c; Gloucester, 6¼c; Glasgow, 6c; Lancaster, 6¾c; Ranelman's, 7½c; Renfrew Madras, 8½c; Cumberland, 6c; White, 6½c; Bookfold, 9½c.

Grain Bags—American, \$16.50; Atlantic, \$18;
Franklinville, \$18; Lewiston, \$18; Ontario,
\$16.50; Stark A, \$21.

Paper Cambrics—Manville, 6c; S. S. & Son,
6c; Masonville, 6c; Garner 6

PAPER CAMBRICS--- Manville, 6c; S. S. & So. PAPER CAMBRICS.—Manville, 6c; S. S. & Son, 6c; Masonville, 6c; Garner, 6.

PRINTS.—American fancy, 6 ½c; Allen's fancy, 6 ½c; Allen's dark, 6c; Allen's pink, 6 ½c; Arnold's, 6 ½c; Berlin solid colors, 6c; Cocheco, 6 ½c; Conestoga, 6c; Dunnell's, 6c; Eddystone, 6 ½c; Hartel, 6c; Harmony, 5 ½c; Hamilton, 6 ½c; Greenwich, 5 ½c; Knickerbocker, 5 ½c; Mallory pink, 6 ½c. Prices on dress styles irregular, depends on pattern.

Pends on pattern.

Tickings—Amoskeag ACA, 12½c; Conestoga B
F, 15c; Conestoga extra, 13½c; Conestoga Gold
Medal 14c; Conestoga CCA, 12c; Conestoga AA,
10c; Conestoga X, 9c; Pearl River, 12c; Falls
OBO, 32-inch, 13½c; Methuen AA, 12½c; Oakland A, 6½c; Swift River, 6½c; York, 32-inch,
12½c; York, 30-inch, 10½c.

Alcohol, \$2.22@2.30; asafætida, 15@20c; alum 475c; camphor, 30733c; cochineal, 50755c; chloroform, 38740c; copperas, brls, \$373.50; cream tartar, pure, 30735c; indigo, 80781c; licorice, Calab., genuine, 30 \$\alpha 45c; magnesia, earb., 2-oz, 25 \$\alpha 35c; morphine, P. & W., \$\alpha\$ oz, \$2.80, madder, 12 \$\alpha 14c; oil, castor, \$\alpha\$ gal, \$1.25 \$\alpha 1.30; oil, bergamot, \$\alpha\$ b, \$\\$3 \$\alpha 3.25; opium, \$\\$3.25 \$\alpha 3.35c; quinine, P. & W., \$\alpha\$ oz, 39 \$\alpha 44c; balsam copaiba, 60 \$\alpha 65c; soap, Castile, Fr., 12 \$\alpha 16c; soda, bicarb., 4 \$\alpha 6c; salts, Epsom, 4 \$\alpha 5c; sulphur, flour, 4 \$\alpha 6c; saltpetre, 8 \$\alpha 20c; turpentine, 58 \$\alpha 62c; glycerine, 25 \$\alpha 30c; idodide potass., \$2.40 \$\alpha 2.50; bromide potass., 40 \$\alpha 42c; chlorate potash, 25c; borax, 10 \$\alpha 12c; cinchonidia, 12 \$\alpha 15c; carbolic acid, 45 \$\alpha 50c.

carbolic acid, 45 \$\alpha 50c.

QUINCES -\$2.50 \$\alpha\$ bush; inferior stock, \$1.50.

CRANBERRIES—\$2.50 \$\alpha 50c.

OILS—Linseed oil, raw, 62c \$\alpha\$ gal; boiled, 65c; coal oil, legal test, 94 \$\alpha 14c; bank, 40c; best straits, 50c, Labrador, 60c; West Virginia, lubricating, 02 \$\alpha 30c; miners', 65c. Lard Oils, No. 1,50 @55e: do, extra, 65@70c. WHITE LEAD-Pure, 7c.

FOREIGN FRUITS. Raisins, California London layer, new, \$2.500 2.75 P box; California, loose, muscatelle 3-crown, \$1.80@2 P box; Valencia, new, 829c P to citron. 24 @26c \$\psi\$ th; currants, 6\pi7c \$\psi\$ th. Bananas—\$1.25\@2.25 \$\psi\$ bunch, Oranges—Imperial \$5.50\@6 \$\psi\$ box. Lemons—Messina. \$6\pi6.50 \$\psi\$ box; choice, \$7.50\@8. Figs, 12\@14c. Prunes—Turkish, old, 4\pi4 \@4\pi\_2c; new, 5\@5\pi\_2c. FRUITS AND VEGETABLES.

CELERY-Per bunch, 25@30c. TOMATOES-35@40c P bu. APPLES-Choice, \$2@2.50 P brl; common, \$1 PEACHES-No. 1, \$1.25 \$ 1-3-bu box; No. 2 SWEET POTATOES—Baltimore, \$3@3.50 per brl; white Southern Queen, \$2.25 per brl; Bermuda red, \$2.25 per brl; Jersey, \$3.75@4 per brl.

GRAPES—Concord, 30@35c \$10-ib basket;
Ives, 20@25c \$10-ib basket; Delaware, 40@50c

QUINCES—\$1.50 P bu. PEARS—Bartletts, \$5@5.50 P brl: Flemish beauties, \$3.25@3.75; common, \$1.50@2. WATERMELONS-\$5@12 ₽ 100. CANTALEUPS-Per brl, \$101.25, quality gov-

POTATOES- \$1.25@1.50 P brl. CABBAGE—40 245e ₽ brl. CRANBERRIES—\$2.50 23.50 ₽ bu; \$8.25 28.75 GROCERIES.

SUGARS-Hards, 8582934c: confectioners' A. 812085sc; off A, 814083sc; coffee A, 8180814c; white extra C, 8081sc; extra C, 734077sc; good yellows, 7120734c; fair yellows, 7140712c; yellows, 70714c.

yellows, 7a7<sup>1</sup>4c.

Coffees—Ordinary grades, 19<sup>1</sup>4a19<sup>3</sup>4c; fair, 20a20<sup>1</sup>2c; good, 20<sup>3</sup>4a21<sup>3</sup>4c; prime, 22<sup>3</sup>4a23<sup>3</sup>4c! strictly prime to choice, 23<sup>3</sup>4a24<sup>3</sup>4c; fancy green and yellow, 24<sup>3</sup>4a25<sup>3</sup>4c; old government Java 33<sup>3</sup>4a34<sup>3</sup>4c; ordinary Java, 29<sup>1</sup>4a30<sup>1</sup>4c; imitation Java, 27<sup>3</sup>4a28<sup>3</sup>4c. Roasted coffees, 1th packages, 23<sup>3</sup>4c; Banner, 23<sup>3</sup>4c; Lion, 23<sup>3</sup>4c; Gates's Champion, 22<sup>3</sup>4c; Arbuckle's, 23<sup>3</sup>4c.

Flour Sacks—No. 1 drab <sup>1</sup>4 brl, \$33 \$\psi\$ 1,000; <sup>1</sup>2 brl, \$17; lighter weight, \$1 \$\psi\$ 1,000 less.

Dried Beef—11a13c. DRIED BEEF-11@13c. LEAD-612@7c for pressed bars. RICE-Louisiana, 5@7c.

SALT-In car lots, 90c; small lots, \$1.00@1.05.
MOLASSES AND SYRUPS-New Orleans molasses,
fair to prime, 30@40c; choice, 40@50c. Syrups,

SHOT-\$1.25 & 1.30 P bag for drop.

SPICES-Pepper, 19 & 20c; alispice, 12 & 15c; cloves, 26 & 30c; cassia, 10 & 12c; nutmegs, 80 & 85c P ib. STARCH—Refined pearl, 24 23c \$\psi\$ to; Champion gloss, 1-to and 3-to packages, 5\varphi^1\_2c \$\psi\$ to; Champion gloss lump, 3\frac{1}{2}\varphi^4c.

Twine—Hemp, 12\varphi^18c \$\psi\$ to; wool, 8\varphi^10c; flax, 20\varphi^30c; paper, 18c; jute, 12\varphi^15c; cotton,

paper, No. 1, G@7e; book paper, No. 3, 8. & C., 10@11e; No. 7, 8. & C., 8@9e; No. 1, S. & C., 74

LEATHER, HIDES AND TALLOW. LEATHER—Oak sole, 28@33c; hemfock sole, 22@28c; harness, 26@30c; skirting, 30@34c; black bridle, \$\psi\$ doz., \$50@55; fair bridle, \$60@78 \$\psi\$ doz.; city kip, \$60@80; French kip, \$85@110; city calf-skins, 60e@\$1; French calf-skins, \$120.50 HIDES-No. 1 green, 4c; No. 2 green, 3c; No. 1 green salt, 5c; No. 2 green salt, 31gc; calf same as hides; No. 1 green salt kip, 5c; No. 2 green

Saltkip, 3c.

LAMBSKINS—40255c.

TALLOW—No. 1, 4c; No. 2, 3½c.

GREASE—Brown, 2½c; yellow, 2¾c; white,

IRON AND STERM Bar iron (rates), 1.90@2c; horse-shoe bar, 3c, Bar iron (rates), 1.90 22c; horse-shoe bar, 3c, Norway rail rod, 8c; German steel plow-slabs; 4c; American drill steel, 10 212c; Sanderson tool steel, 16c; tire steel, 3c; spring steel, 5c; horse-shoes, \$\psi \text{keg}\$, \$\psi 4.25 \overline{a} 4.50; mule's shoes, \$\psi\$ keg, \$\psi 4.25 \overline{a} 4.50; mule's shoes, \$\psi\$ keg, \$\psi 5.25 \overline{a} 5.50; horse nails, \$\psi\$ box, 8d, \$\psi\$; steel nails, 10d and larger, \$\psi 2.10 \overline{a} 2.35 \$\psi\$ keg; other sizes at the usual advance; wire nails, \$\psi 2.65.

Tinners' Supplies—Best brand charcoal tin, IC, 10x14, 14x20, 12x12, \$\psi 6.75; IX, 10x14, 14x20 and 12x12, \$\psi 8.50\$; IC, 14x20, roofing tin, \$\psi 5.25; IC, 20x28, \$\psi 10.50\$; block tin, in pigs, 27c; in bars, 29c. Iron—27 B iron, 3\frac{1}{2}c; 27 C iron, 5c; galvanized, 60 per cent. discount. Sheet zinc, 7c. Copper bottoms, 25c. Planished copper, 30c. Solder, 16\overline{a} 18c.

OIL-CAKE.

## OIL CAKE.

Oil cake, \$23 & ton: oil meal, \$23. PROVISIONS. Jorbing Prices—Smoked meats—Sugar-cured hams, 10 to 12 ms average, 12 lgc; 15 ms average, 11 lgc; 17 lg ms average, 11 lgc; 17 lg ms average, 11 lgc; 20 ms average, 10 lgc. English-cured breakfast bacon, light or medium, 11c; shoulders, 10 to 12 ms average, 7 lgc; shoulders, 14 to 16 ms average, 6 lgc; sweet pickled shoulders, 5c. California hams, light or medium, 7c; dried beef hams and knuckles pieces, 11c. Bacon—Clear sides, 35 to 40 ms average, 7 lgc; clear backs, medium average, 7c; clear bellies, medium weight, 7 lgc; 45 ms average sides and 25 ms average backs, lgc less than above quotations; 20 ms average bellies, lgc less. Dry-salt and Pickled Meats—Clear sides (unsmoked), 6 lgc; clear backs (unsmoked), 6 lgc; clear backs (unsmoked), 6 lgc. Jobbing Prices-Smoked meats-Sugar-cured less. Dry-salt and Pickled Meats—Clear sides (unsmoked), 634c; clear backs (unsmoked), 634c. clear bellies (unsmoked), 7c; bean pork \$\Phi\$ brl 200, \$\pi\_8, \$14.50; ham or rump pork \$\Phi\$ brl 200 fts, \$12.00; clear rib sides, \$5\sab{5}\sab{2}\delta c\$. Bologna—Skin, large or small, 6\sab{2}c; cloth, large or small, 6c. Lard—Pure winter leaf, kettle-rendered, in tierces, 73c; in one-half barrels, 8c; in 50-ft cases in 100-ft cases, 75c; in 20-ft cans in 80-ft cases, 8c. Prime Leaf Lard—in tierces, 74c. Hoosier Packing Company Lard—In tierces, 74c; in 50-ft cans in 100-ft cases, 74c. Prime Steam Lard—6\pi 6\frac{1}{2}sc.

Wholesale Prices—Car-load lots—S. P. hams 10\pi 11c, as to average; S. P. shoulders, 6c, as to average; short-rib sides, dry salt, 6c; prime steam lard, 64c.

PRODUCE.

PRODUCE.

POULTRY—Hens, 8@812c P Ib; young chickens, 8@812c; hen turkeys, 9c; toms, 5c; roosters, 3e: geese, \$3.80 P doz; ducks, 6c. EGGS-Shippers paying 1412@15c for candled stock; selling from store at 16@17c. BUTTER—Selling prices—Fancy creamery, 1820 20c; fair creamery, 15217c; fine dairy, 10212c; good country, 8210c, according to the condition in which it is received. Common stock will bring but 425c per pound. FEATHERS-Prime geese, 350 P 15. mixed duck

BEESWAX—Dark, 18c; yellow, 20c.

WOOL—Tub-washed and picked, 33@35c; unwashed medium and common grades, if in good order, 25c; burry and cotted, 17@20c; fleecewashed, if light and in good order, 28@30c; burry and unmerchantable, according to their

SEEDS.

Clover—Red, choice, 60 b bu, \$3.75 \$\pi4.00; English, choice, \$3.75 \$\pi4.15; white, choice, \$7.40 \$\pi\$
7.75; alsike, \$6.50 \$\pi7.00; alfalfa, choice, \$6.75 \$\pi\$
7.25. Timothy—Choice; 45 b bu, \$1.65 \$\pi1.85.
Blue-grass, fancy, 14 b bu, \$1.15 \$\pi1.30. Orchard grass—Extra clean, 14 b bu, 90c \$\pi\$\$1.20. Red top—Choice, 14 b bu, \$5c \$\pi\$\$\$1.00. Bird seed—Choice Sicily canary, 5 \$\pi 8c \$\pi\$ b. F. C. HUNTINGTON & CO.

## SEED MERCHANTS. 79 & 80 East Market St., Indianapolis. Telephone 530.

Clover, Timothy and Blue-Grass THE H. T. CONDE IMPLEMENT CO. The largest wholesale seed house in Indians. Strictly prime seed a specialty. 76 and 78 West Washington Street, Indfanapolis.

GRAIN AND SEED MERCHANTS. ABNER L. BACKUS & SONS

18 & 19 Produce Exchange, Toledo, Ohio. Solicit correspondence and consignments, and will nake mail and telegraph bids.

Feeding the Hog for Lean Meat. Correspondent Prairie Farmer. There are various notions that yet cleave to the business of breeding and rearing live stock, like barnacles to the bottom of a ship. Some of these, like the barnacles, are difficult to shake off. This, however, should not be the case where new errors reader can afford to be without it for the arise-for with all questions where the exact facts of science come in as a common leveler, correct logic should step in and set things right at the start. To make it pos-

the fat cells. It is not probable or possible that lean will take the place of fat in swine as now bred. A given sort of timber or fruit may require a given sort of soil, and a special kind of manure to insure reasonable perwhen you have provided these with the fullest completeness, you cannot change the tendencies. That is, conditions favorable for the growth of the oak are, per se, unfavorable for the growth of the tamarack. Conditions fixed in the system for the growth of fat—mainly those hinted at above—cannot be so changed that they will be favorable for the production of lean tissue. While close observation may have appeared to discover results in the direction hinted at, we venture the opinion that, as the saying has it, "the wish was father to the thought," and nothing could be discovered with the naked

ing could be discovered with the naked eye, neither with the aid of the lens.

While so much is said as to the tendency of corn to make fat instead of lean, and of oats to make lean instead of fat, any farmer can settle this question for himself upon his own farm. It requires no scientist to do this Nature's organisms make no misthis. Nature's organisms make no mistakes, the conditions being health, and health only. Take two pigs from the same litter; confine one of these to a corn diet and the other to oats, and when both are fattened, compare the lean tissues, one with the other, carefully, removing the fat from all, or from any portion of the muscular system that may be chosen for the test. Possibly the corn-fed pig may have, to a moderate degree, the most fat; but the pig fed on oats will have no more lean tissue than the other. The difference in the fattening qualities of oats and corn is not as great as many suppose; hence, cast about for any food or foods that are reputed to make lean to the exclusion of fat, that the test may be more severe. In this proposed experiment the farmer is supposed to be after the facts as such, and not in quest of facts from which to substantiate any pet

An increase of the muscular, as to its relative proportion, when set opposite the fat tissues, may be brought about, though not by feeding. At any rate, the same total of what can be accomplished by the latter mode will be like the attenuation of the homeopath's high dilution. How can the end referred to be reached! By the same mode that all changes and improvements in breeding are wrought—namely, through se-lection. It is quite probable that in a given herd, or if not in this, then a given breed, there are specimens that carry more mus cular tissue in proportion to fat than other specimens. It would be quite an undertaking to single these out from the herd; yet by this mode of selection—breding animals of like characteristics together—the end sought could be reached, if by any mode. In breeding to secure birds to match to a feather, and in securing regulation markings in cattle and swine, this system has always been relied upon. A pains-taking plan it is; yet problems of great me-chanical or scientific value have, ofttimes, been the result of years of weary and disconraging effort.

George R. Chase, lecturer of the Massachusetts State Grange, in the Co-operative Farmer says: "I have recently seen twelve cows and a pair of horses kept on thirty acres, the sales on this farm amounting to one thousand dollars per year. I have seen another farm, near by, of one hundred and sixty acres which kept precisely the same Sheep—Receipts, 2,350; shipments, 200. The market was strong. Common to choice, \$2.50 
4.50 
6.30. Hogs strong; common and light, \$3.25 
4.60; bipments, 650. St. LoUIS, Sept. 23.—Cattle—Receipts, 1,840; shipments, 650. The market was steady. Choice heavy native steers, \$3.70 
4.0; fair to good native steers, \$3.70 
4.0; tokers and feeders, \$2.00 
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2.90; range steers, \$2.20 
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